AMENDMENTS TO THE CLAIMS

1. (Previously amended) A system for automatic generation of card-based presentation documents from multimedia data comprising:

a presentation style transformer for receiving a card display schema and for processing said card display schema to describe meta rules about presentation resources and content variable definitions for a card-based presentation specification; and

a card-based presentation generator connected to said presentation style transformer for receiving said card-based presentation specification and a card-based document content and for providing formatting object descriptions.

2. (Cancelled)

3. (Original) A system for automatic generation of card-based presentation documents from multimedia data as claimed in claim 1 wherein said presentation style transformer comprises:

a resource generator: and

a style proceduralizer.

4. (Original) A system for automatic generation of card-based presentation documents from multimedia data as claimed in claim 3 wherein said style proceduralizer comprises:

a card-based context tree builder;

a content node path walker connected to said card-based context tree building; and

a content mapping rule generator connected to said content node path walker.

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5. (Previously amended) A system for automatic generation of card-based presentation documents from multimedia data as claimed in claim 1 wherein said card based presentation generator comprises:

a presentation construct mapper;

a card-based Document Style Semantics and Specification Language (DSSSL) processor connected to said presentation construct mapper; and

a Formatting Object Descritptions (FOD) converter connected to said card-based Document Style Semantic Language processor.

6. (Original) A system for automatic generation of card-based presentation documents from multimedia data comprising:

presentation style transformer means for receiving a card layout style specification and a card display schema and for providing a card-based presentation specification; and

card-based presentation generator means connected to said presentation style transformer means for receiving said card-based presentation specification and a card-based document content and for providing formatting object descriptions.

7. (Original) A system for automatic generation of card-based presentation documents from multimedia data as claimed in claim 6 wherein said presentation style transformer means comprises:

resource generator means for receiving said card layout style specification and said card

display schema and for providing said card-based presentation specification; and

style proceduralizer means for receiving said card layout style specification and said card display schema and for providing said card-based presentation specification.

8. (Original) A system for automatic generation of card-based presentation documents from multimedia data as claimed in claim 7 wherein said style proceduralizer means comprises:

card-based context tree builder means for receiving said card layout style specification and for providing a context tree;

content node path walker means connected to said card-based context tree builder means for receiving said context tree and for providing context paths; and

content mapping rule generator means connected to said content node path walker means for receiving said context paths and said card display schema and for providing said card-based presentation specification.

9. (Previously amended) A system for automatic generation of card-based presentation documents from multimedia data as claimed in claim 8 wherein said context tree captures content mapping rule context for making an efficient generation process of procedural rule mappings in Card-based Presentation Specification (CPS).

10. (Currently amended) A system for automatic generation of card-based presentation documents from multimedia data as claimed in claim 6 wherein said card based presentation generator means comprises:

presentation construct mapper means for receiving said card-based presentation

specification and for providing card-based <u>Document Style Semantics and Specification</u>

<u>Language</u> (DSSSL) style specifications;

card-based <u>Document Style Semantics and Specification Language</u> (DSSSL) processor

means connected to said presentation construct mapper means for receiving said card-based

<u>Document Style Semantics and Specification Language</u> (DSSSL) style specifications and said

card-based document content and for providing a card-based document flow object tree; and

card-based <u>Formatting Object Descriptions</u> (FOD) converter means connected to said

card-based <u>Document Style Semantics and Specification Language</u> (DSSSL) processor means for

receiving said card-based document flow object tree and for providing said formatting object

descriptions.

11. (Currently amended) A system for automatic generation of card-based presentation

documents from multimedia data as claimed in claim 10 wherein said card-based document flow

object tree comprises:

a specification of a sequence of <u>card-based Formatting Object Descriptions</u> (FOD) flow

objects.

12. (Previously amended) A method for automatic generation of card-based presentation

documents from multimedia data comprising the steps of:

generating presentation resource descriptions;

translating declarative card layout style specifications into procedural card-based

presentations; and

generating a card based presentation.

13. (Cancelled)

14. (Currently amended) A method for automatic generation of card-based presentation documents from multimedia data as claimed in claim 13 12 wherein translating declaration card layout style specifications comprises the steps of:

building a card-based context tree;

building context paths; and

generating a content mapping file.

15. (Cancelled)

16. (Currently amended) A method for automatic generation of card-based presentation documents from multimedia data as claimed in claim 12 wherein generating a card based presentation comprises the steps of:

mapping Card-based Presentation Specification (CPS) constructs into card-based Document Style Semantics and Specification Language (DSSSL) style constructs;

creating card-based document flow object tree; and

converting card-based document flow object tree into formatting object descriptions.